

122403

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24 December 2003

INTELLECTUAL PROPERTY LAW

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Mail Stop : Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Attorney Docket: P56938

Submitted herewith is the following patent application:

Inventor: 1) YOUNG-HYUN KANG

Title: METHOD FOR BATCH REGISTRATION OF INTEGRATED
 DIGITAL LOOP CARRIER SUBSCRIBER USING PROGRAM
 LOADED DATA OF EXCHANGE, AND ELEMENT
 MANAGEMENT SYSTEM SERVER FOR THE SAME

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, formal drawings, original Declaration and Power of Attorney, Information Disclosure Statement, an Assignment and certified copy of foreign priority document identified below:

Verified Showing of Small Entity Status: NO

Drawings: Formal drawings, 8 sheets, Figures 1 through 6C

Claim of priority under 35 U.S.C. §119: YES

** The Republic of Korea Application No. 2003-6229 filed on 30 January 2003.

FEE (see formula below): CHECKS ARE ENCLOSED (#45102 and #45103)

Basic Fee \$385/770	\$770.00
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Additional Fees:

Total number of claims in excess of 20: _____ times \$9/18	\$0.00
Number of independent claims in excess of 3: _____ times \$43/86	\$0.00
Multiple Dependent Claims \$145/290	\$0.00
An Assignment is likewise enclosed: Recording Fee \$40	\$40.00
Filing Non-English specification	\$0.00
TOTAL FEES FOR THE ABOVE APPLICATION	\$810.00

Inventor: 1) YOUNG-HYUN KANG

Title: **METHOD FOR BATCH REGISTRATION OF INTEGRATED
DIGITAL LOOP CARRIER SUBSCRIBER USING PROGRAM
LOADED DATA OF EXCHANGE, AND ELEMENT
MANAGEMENT SYSTEM SERVER FOR THE SAME**

Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the filing fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

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Respectfully submitted,



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REB/rfc

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U.S. PTO

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FEET TRANSMITTAL

Patent fees are subject to annual revision.

Complete If Known

Application Number	to be assigned
Filing Date	24 December 2003
First Named Inventor	YOUNG-HYUN KANG
Examiner Name	to be assigned
Group/Art Unit	to be assigned

TOTAL AMOUNT OF PAYMENT	(\$) <u>810.00</u>	Attorney Docket No.	P56938
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METHOD OF PAYMENT (check one)1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:**FEE CALCULATION (continued)**Deposit Account Number: 02-4943
Deposit Account Number: _____ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17. Applicant claims small entity status. See 37 CFR 1.27**2. Payment Enclosed:**

(CHECK #45102 & #45103)

 Check Credit Card Money Order Other**3. ADDITIONAL FEES**

1. BASIC FILING FEE			
Large Entity		Small Entity	
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1001	770	2001	385
1002	340	2002	170
1003	530	2003	265
1004	770	2004	385
1005	160	2005	80
SUBTOTAL (1)		(\$)<u>770.00</u>	

2. EXTRA CLAIM FEES

		Extra Claims	Fee from below	Fee Paid
Total claims	12	-20** =	0 x 18.00	= 0.00
Independent Claims	3	-3** =	0 x 86.00	= 0.00

Multiple Dependent =

** or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1201	86	2201	43	Independent claims in excess of 3
1202	18	2202	9	Claims in excess of 20
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$)<u>0.00</u>		

Large Entity	Small Entity	Fee Description	Fee Paid
1051	130	2051 65	Surcharge-late filing fee or oath
1052	50	2052 25	Surcharge-late provisional filing fee or cover sheet
1053	130	1053 130	Non-English specification
1812	2,520	1812 2,520	For filing a request for reexamination
1804	920*	1804 920*	Requesting publication of SIR prior to Examiner action
1805	1,840*	1805 1,840*	Requesting publication of SIR after Examiner action
1251	110	2251 55	Extension for reply within first month
1252	420	2252 210	Extension for reply within second month
1253	950	2253 475	Extension for reply within third month
1254	1,480	2254 740	Extension for reply within fourth month
1255	2,010	2255 1,005	Extension for reply within fifth month
1401	330	2401 165	Notice of Appeal
1402	330	2402 165	Filing a brief in support of an appeal
1403	290	2403 145	Request for oral hearing
1451	1,510	1451 1,510	Petition to institute a public use proceeding
1452	110	2452 55	Petition to revive - unavoidable
1453	1,330	2453 665	Petition to revive - unintentional
1501	1,330	2501 665	Utility issue fee (or reissue)
1502	480	2502 240	Design issue fee
1503	640	2503 320	Plant issue fee
1460	130	1460 130	Petitions to the Commissioner
1807	50	1807 50	Processing fee for provisional applications
1806	180	1806 180	Submission of Information Disclosure Statement
8021	40	8021 40	Recording each patent assignment per property (Times number of properties)
1809	770	2809 385	Filing a submission after final rejection (37 C.F.R. §1.129(a))
1810	770	2810 385	For each additional invention to be examined (37 C.F.R. §1.129(b))
1801	770	2801 385	Request for Continued Examination (RCE)
Other Fee (specify) _____			\$
Other Fee (specify) _____			\$
** Reduced by Basic Filing Fee Paid			
			SUBTOTAL (3) <u>\$40.00</u>

SUBMITTED BY**Complete (if applicable)**

Typed or Printed Name

Robert E. Bushnell, Esq.

Reg. Number

27,774

Signature

Date

24 December 2003

Deposit Account User ID

REB/rfc

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